Appendix Table 3-11 Age profile of employed scientists and engineers, by sex and field of highest degree: 2013

	Total				Female				Male			
S&E highest degree field	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)
Total	23,557,000	13.8	52.5	33.7	10,865,000	15.9	53.4	30.6	12,693,000	11.9	51.7	36.4
S&E fields	12,446,000	16.5	52.2	31.4	4,839,000	19.4	52.9	27.7	7,607,000	14.6	51.7	33.7
Computer and mathematical sciences	2,197,000	14.1	60.7	25.2	648,000	11.0	61.9	27.2	1,548,000	15.4	60.3	24.3
Computer and information sciences	1,623,000	13.7	65.9	20.4	426,000	7.5	69.0	23.5	1,197,000	16.0	64.7	19.3
Mathematics and statistics	574,000	15.2	46.2	38.7	223,000	17.9	48.0	34.1	352,000	13.4	44.9	41.5
Biological, agricultural, and environmental life sciences	1,896,000	18.4	48.4	33.3	910,000	22.1	48.5	29.6	985,000	15.0	48.3	36.8
Agricultural and food sciences	301,000	10.3	42.5	47.2	98,000	19.4	48.0	32.7	203,000	6.4	39.9	53.7
Biological sciences	1,427,000	20.5	48.8	30.7	758,000	22.7	47.8	29.6	669,000	17.9	50.1	32.0
Environmental life sciences	168,000	14.9	54.8	30.4	55,000	18.2	58.2	23.6	113,000	13.3	53.1	33.6
Physical and related sciences	731,000	13.4	48.2	38.3	218,000	21.6	53.2	25.7	512,000	10.2	46.1	43.9
Chemistry, except biochemistry	324,000	15.7	46.3	38.0	119,000	21.8	47.9	31.1	205,000	12.2	45.9	42.0
Earth, atmospheric, and ocean sciences	199,000	7.5	49.2	43.7	66,000	12.1	69.7	19.7	133,000	5.3	39.1	55.6
Physics and astronomy	176,000	13.6	52.3	34.1	20,000	25.0	60.0	15.0	156,000	12.2	51.3	36.5
Other physical sciences	31,000	29.0	38.7	32.3	12,000	66.7	16.7	S	19,000	S	57.9	42.1

	Total				Female				Male			
S&E highest degree field	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)
Social and related sciences	4,764,000	18.6	49.0	32.5	2,639,000	20.1	50.7	29.2	2,124,000	16.7	46.8	36.6
Economics	789,000	15.2	48.8	35.9	227,000	15.9	53.3	31.3	562,000	15.1	47.2	37.7
Political and related sciences	828,000	20.9	52.8	26.3	353,000	24.1	56.1	20.1	475,000	18.7	50.3	30.9
Psychology	1,866,000	18.7	48.2	33.1	1,289,000	19.9	50.1	29.9	577,000	15.9	44.0	40.0
Sociology and anthropology	761,000	20.1	46.8	33.1	458,000	20.7	48.9	30.1	304,000	19.1	43.1	37.8
Other social sciences	520,000	17.1	48.8	33.8	312,000	18.3	48.4	33.7	207,000	15.5	50.2	34.3
Engineering	2,859,000	14.2	54.6	31.2	422,000	21.3	62.8	15.9	2,437,000	13.0	53.1	33.9
Aerospace, aeronautical, and astronautical engineering	131,000	10.7	60.3	29.0	13,000	23.1	69.2	7.7	118,000	9.3	59.3	31.4
Chemical engineering	182,000	14.8	53.3	31.9	46,000	17.4	67.4	15.2	136,000	13.2	48.5	37.5
Civil and architectural engineering	428,000	13.6	53.7	32.7	62,000	22.6	59.7	17.7	365,000	11.8	52.9	35.3
Electrical and computer engineering	968,000	13.2	58.8	28.1	124,000	13.7	71.8	14.5	845,000	13.0	56.8	30.2
Industrial engineering	190,000	10.0	57.9	32.1	39,000	10.3	74.4	12.8	151,000	9.9	53.6	37.1
Mechanical engineering	559,000	16.1	52.2	31.7	50,000	22.0	56.0	22.0	509,000	15.5	52.1	32.6
Other engineering	401,000	18.0	45.4	36.7	88,000	36.4	47.7	15.9	313,000	12.8	44.7	42.5
S&E-related fields	5,780,000	12.2	51.2	36.6	3,512,000	14.4	51.9	33.7	2,268,000	8.6	50.2	41.1
Health	4,543,000	12.4	51.3	36.2	3,078,000	14.5	51.4	34.0	1,465,000	8.1	51.1	40.8
Science and mathematics teacher education	403,000	11.4	50.6	38.0	237,000	13.1	53.6	33.3	167,000	9.0	46.1	44.9

	Total				Female				Male			
S&E highest degree field	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)	Number	Age < 30 (%)	Age 30–50 (%)	Age 51–75 (%)
Technology and technical fields	423,000	7.3	51.8	40.7	52,000	7.7	57.7	34.6	371,000	7.3	50.9	41.5
Other S&E-related fields	411,000	14.8	50.4	34.8	145,000	17.2	57.2	25.5	265,000	13.6	46.8	40.0
Non-S&E fields	5,331,000	9.2	54.6	36.3	2,514,000	11.4	56.4	32.2	2,817,000	7.2	53.0	39.9
Management and administration fields	1,769,000	6.6	57.4	36.1	582,000	9.3	60.7	30.1	1,187,000	5.1	55.8	39.0
Education, except science and math teacher education	1,172,000	7.6	53.4	39.0	778,000	8.7	53.1	38.2	394,000	5.1	54.1	40.6
Social service and related fields	371,000	8.1	46.9	44.7	225,000	8.0	52.4	39.1	146,000	8.2	38.4	53.4
Sales and marketing fields	112,000	8.0	59.8	32.1	49,000	14.3	61.2	24.5	63,000	3.2	58.7	36.5
Arts and humanities fields	570,000	16.0	50.5	33.3	257,000	16.0	49.8	33.9	313,000	16.0	51.1	32.9
Other non-S&E fields	1,338,000	11.4	55.3	33.3	624,000	15.5	60.4	24.0	715,000	7.8	50.6	41.4

S = suppressed for reasons of confidentiality and/or reliability.

NOTES: Scientists and engineers include those with one or more S&E or S&E-related degrees at the bachelor's level or higher or those who have only a non-S&E degree at the bachelor's level or higher and are employed in an S&E or S&E-related occupation. Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000. Percentages are based on rounded numbers.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2013), http://sestat.nsf.gov/.

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